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FORM PTO-1449

Atty. Docket No.: Appl. No.: 10/656,526

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Kevin I. Bertness

Filing Date Group Art:

September 5, 2003 2858

U.S. PATENT DOCUMENTS

Exam	iner ial	Document No.	Date Name		Class	Sub Class	Filing Date If Appropriate
JT	AA	2002/0030495	3/2002	Kechmire	324	427	
Ť	AB	4,352,067	9/1982	Ottone	324	434	
+	AC	4,360,780	11/1982	Skutch, Jr.	324	437	
+	AD	4,723,656	2/1988	Kiernan et al.	206	705	
+	AE	4,874,679	10/1989	Miyagawa	429	91	
1	AF	5,432,025	7/1995	Cox	429	65	
_	AG	5,707,015	1/1998	Guthrie	241	120	
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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Appl. No.: 10/656,526	
O PLIET OF PATENTS AND PUBLICATIONS FOR CAPPLICANT'S INFORMATION O DISCLOSURE STATEMENT	First Named Inventor:		
AU6 1 6 2004	Kevin I. Bertness		
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YMADEN	September 5, 2003	2858	

	iner tial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JT	AA	2002/0050163	5/2/02	Makhija et al.	73	116	·
	AB	2003/0184262	10/2/03	Makhija	320	130	
	AC	2004/0000590	1/1/04	Raichle et al.	235 ′	462.01	
T	AD	2004/0000891	1/1/04	Raichle et al.	320	107	
T	AE	2004/0000893	1/1/04 ·	Raichle et al.	320	135	
	AF	2004/0000913	1/1/04	Raichle et al.	324	426	
	AG	2004/0000915	1/1/04	Raichle et al.	324	522	
	AH	2004/0002824	1/1/04	Raichle et al.	702	63	
	AI	2004/0002825	1/1/04	Raichle et al.	702	63	
	AJ	2004/0002836	1/1/04	Raichle et al.	702	188	
	AK	2004/0049361	3/11/04	Hamdan et al.	702	115	
	AL	2004/0051533	3/18/04	Namaky	324	426	
	AM	2004/0054503	3/18/04	Namaky	702	183	
	AN .	4,926,330	5/15/90	Abe et al.	364	424.03	
	AO	4,949,046	8/14/90	Seyfang	324	427	
	AP	5,321,627	6/14/94	Reher	364	483	
	AQ	5,872,453	2/16/99	Shimoyama et al.	324	431	
	AR	6,037,778	3/14/00	Makhija	324	433	
	AS	6,061,638	5/9/00	Joyce	702	63	
	AT	6,275,008	8/14/01	Arai et al.	320	132	
	AU	6,359,442	3/19/02	Henningson et al.	324	426	
	AV	6,384,608	5/7/02	Namaky	324	430	
57	AW	6,388,448	5/14/02	Cervas	324	426	

EXAMINER:

DATE CONSIDERED: 7-29-04

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September 5, 2003

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Document No. Date Name		Class	Sub Class	Filing Date If Appropriate
77	BA	6,396,278	5/28/02	Makhija	324	402	
	ВВ	6,570,385	5/27/03	Roberts et al.	324	378	
1	вс	6,629,054	9/30/03	Makhija et al.	702	113	
<u> </u>	BD	D442,503	5/22/01	Lundbeck et al.	D10	77	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JT	BE	Notification of Transmittal of the International Search Report along with the Search Report for International Application No. PCT/US03/27696, filed September 4, 2003, date of mailing April 15, 2004				
77	BF	Operator's Manual for "Modular Computer Analyzer," SUN, Model MCA 3000, Table of Contents and pages 1-1 to 1-2; 2-1 to 2-19; 3-1 to 3-47; 4-1 to 4-27; 5-1 to 5-18; 6-1 to 6-16; 7-1 to 7-9; 8-1 to 8-5; 9-1 to 9-13; 10-1 to 10-10; 11-1 to 11-22; 12-1 to 12-33; 13-1 to 13-2; 14-1 to 14-13 (1991)				
JT	BG	ALLEN TEST, Testproducts Division, "Programmed Training Course for 62-000 Series Smart Engine Analyzer," 2 page cover, Table of Contents, pages 1-207 (1984)				
EXAMI	NER:	Ada CONSIDERED: 9-29-04				

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First Named Inventor:

Kevin I. Bertness

Filing Date Group Art:
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U.S. PATENT DOCUMENTS

	iner	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
17	AA	2002/0010558	1/2002	Bertness et al.	702	63	
	AB	2002/0176010	11/2002	Wallach et al.	348	229.1	
	AC	2003/0184306	10/2003	Bertness et al.	324	426	
	AD	2003/0025481	2/2003	Bertness	320	155	
	AE	2004/0000891	1/2004	Raichle et al.	320	107	
	AF	2,000,665	5/1935	Neal			
	AG	3,750,011	7/1973	Kreps	324	29.5	
	AH	3,652,341	3/1972	Halsall et al.	136	176	
	AI	3,796,124	3/1974	Crosa	85	36	
	AJ	4,023,882	5/1977	Pettersson	339	96	
	AK	4,056,764	11/1977	Endo et al.	320	3	
	AL	4,160,916	7/1979	Papsideris	307	10	
	AM	4,280,457	7/1981	Bloxham	123	198	
	AN	4,620,767	11/1986	Woolf	339	255	
	AO	4,933,845	6/1990	Hayes	364	200	
	ΑQ	4,934,957	6/1990	Bellusci	439	504	
	AQ	5,108,320	4/1992	Kimber	439	883	
71	AR	5,159,272	10/1992	Rao et al.	324	429	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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First Named Inventor:

Kevin I. Bertness

Filing Date Group Art:
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Exam Init		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JT	BA	5,313,152	5/1994	Wozniak et al.	320	6	
	BB 5,323,337 6/1994		Wilson eta l.	364	574		
	вс	5,325,041	6/1994	Briggs	320	44	
	BD	5,412,308	5/1995	Brown	323	267	
	BE	5,453,027	9/1995	Buell et al.	439	433	
	BF	5,745,044	4/1998	Hyatt, Jr. et al.	340	825.31	
	BG	5,747,967	5/1998	Muljadi et al.	320	39	
	вн	5,772,468	6/1998	Kowalski et al.	439	506	
	BI	5,780,980	7/1998	Naito	318	139	
	ВJ	5,850,113	12/1998	Weimer et al.	307	125	
	вк	5,865,638	2/1999	Trafton	439	288	
	BL	5,978,805	11/1999	Carson	707	10	
•	вм	5,982,138	11/1999	Krieger	320	105	
	BN	6,005,759	12/1999	Hart et al.	361	66	
	во	6,031,368	2/2000	Klippel et al.	324	133	
	ВР	6,046,514	4/2000	Rouillard et al.	307	77	
	BQ	6,064,372	5/2000	Kahkoska	345	173	
57	BR	6,081,109	6/2000	Seymour et al.	324	127	

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FORM PTO-1449	Atty. Docket No.: C302.12-0163	Appl. No.: 10/656,526
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor	:
	Kevin I. Bertness	
	Filing Date	Group Art:
	September 5, 2003	2858

Exam Init	iner	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JT_	CA	6,158,000	12/2000	Collins	713	1	
	СВ	6,211,651	4/2001	Nemoto	320	133	
	СС	6,222,342	4/2001	Eggert et al.	320	105	
	CD	6,238,253	5/2001	Qualls	439	759	
	CE	6,242,887	6/2001	Burke	320	104	
	CF	6,259,170	7/2001	Limoge et al.	307	10.8	
	CG	6,356,042	3/2002	Kahlon et al.	318	138	
	СН	6,526,361	2/2003	Jones et al.	702	63	
	CI	6,531,848	3/2003	Chitsazan et al.	320	153	
	CJ	6,600,815	7/2003	Walding	379	93.04	
	СК	6,618,644	9/2003	Bean	700	231	
	CL	6,628,011	9/2003	Droppo et al.	307	43	
	СМ	6,667,624	12/2003	Raichle eta l.	324	522	
37	CN	6,679,212	1/2004	Kelling	123	179.28	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
77	со	JP 11103503 A	4/1999	Japan			X(Abstract)
77	CP	WO 01/59443	2/9/01	WIPO			х
57	CQ	GB 2 246 916 A	10/8/90	Great Britian	7-7-		

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7	CR	"Notification of Transmittal of The International Search Report or the Declaration", PCT/USO3/07837.
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EXAMIN	NER:	DATE CONSIDERED: 9-29-04

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OPE IST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
(DEC 1 0 2003 mg)	Kevin I. Bertness	
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U.S. PATENT DOCUMENTS

	iner tial	Document No.	Date	Date Name		Sub Class	Filing Date If Appropriate
77	AA	2,514,745	7/11/50	Dalzell	171	95	
	AB	3,593,099	7/13/71	Scholl	320	13	
	AC	3,607,673	9/21/71	Seyl	204	1	
	AD	3,676,770	7/11/72	Sharaf et al.	324	29.5	
	AE	3,729,989	5/1/73	Little	73	133	
	AF	3,753,094	8/14/73	Furuishi et al.	324	29.5	
	AG	3,808,522	4/30/74	Sharaf	324	29.5	
	АН	3,811,089	5/14/74	Strezelewicz	324	170	
	AI	3,873,911	3/25/75	Champlin	324	29.5	
	AJ	3,886,443	5/27/75	Miyakawa et al.	324	29.5	
	AK	3,889,248	6/10/75	Ritter	340	249	
77	AL	3,906,329	9/16/75	Bader	320	44	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
JT	AM	59-17892	1/30/84	Japan		1	Abstract Only
57	AN	59-17893	1/30/84	Japan			Abstract Only
J7	AO	59-17894	1/30/84	Japan			Abstract Only
		OTHER ART (Includ	ding Author,	Title, Date, Pertine	nt Pages	, Etc.)	
JT	AP /	"Electrochemical Impedance Spectroscopy in Battery Development and Testing", Batteries International, April 1997, pgs. 59 and 62-63.					
<u>ر</u>	AQ	"Battery Impedance", by E. Willihnganz et al., Electrical Engineering, September 1959, pgs. 922-925.					
IT	AR	AR "Determining The End of Battery Life", by S. DeBardelaben, IEEE, 1986, pgs. 365-368.					
JT	AS	AS "A Look at the Impedance of a Cell", by S. Debardelaben, IEEE, 1988, pgs. 394-397.					
		11	1			a 54-4	

EXAMINER: DATE CONSIDERED: 9-21-0-1

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this formation next communication to applicant.

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
10 2000	Kevin I. Bertness	
	Filing Date	Group Art:
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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
27	AT	3,909,708	9/30/75	Champlin	324	29.5	
	AU	3,936,744	2/3/76	Perlmutter	324	158	
	AV	3,946,299	3/23/76	Christianson et al.	320	43	
	AW	3,947,757	3/30/76	Grube et al.	324	28	
	AX	3,969,667	7/13/76 ·	McWilliams	324	29.5	
	AY	3,979,664	9/7/76	Harris	324	17	
	AZ	3,984,762	10/5/76	Dowgiallo, Jr.	324	29.5	
	BA	3,984,768	10/5/76	Staples	324	· 62	
	ВВ	4,008,619	2/22/77	Alcaide et al.	73	398	
	вс	4,053,824	10/11/77	Dupuis et al.	324	29.5	
	BD	4,070,624	1/24/78	Taylor	327	158	
14	BE	4,086,531	4/25/78	Bernier	324	158	

Sub Translation Document No. Date Country Class Class Yes No BF, 60225078 11/9/85 Japan Abstract Only **3**7 57 04372536 12/25/92 BG , Japan Abstract Only J7 BH / 04131779 5/6/92 Japan Abstract Only OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BI "The Impedance of Electrical Storage Cells", by N.A. Hampson et al., Journal of Applied Electrochemistry, 1980, pgs. 3-11.

BJ "A Package for Impedance/Admittance Data Analysis", by B. Boukamp, Solid State Ionics, 1986, pgs. 136-140.

BK "Precision of Impedance Spectroscopy Estimates of Bulk, Reaction Rate, and Diffusion Parameters", by J. Macdonald et al., J. Electroanal, Chem., 1991, pgs. 1-11.

EXAMINER: Am Considered: 9-21-04

FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526
PE CO PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
DEC 10 7000	Kevin I. Bertness	
	Filing Date	Group Art:
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Exam: Init		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
17	BL	4,112,351	9/5/78	Back et al.	324	16	
	ВМ	4,114,083	9/12/78	Benham et al.	320	39	
	BN	4,126,874	11/21/78	Suzuki et al.	354	60	
	во	4,178,546	12/11/79	Hulls et al.	324	158	
	BP	4,193,025	3/11/80	Frailing et al.	324	427	
	BQ	4,207,611	6/10/80	Gordon	364	580	
	BR	4,315,204	2/9/82	Sievers et al.	322	28	
	BS	4,316,185	2/16/82	Watrous et al.	340	636	
	вт	4,322,685	3/30/82	Frailing et al.	324	429	
	BU	4,363,407	12/14/82	Barkler et al.	209	3.3	
	вv	4,369,407	1/18/83	Korbell	324	416	
07	BW	4,412,169	10/25/83	Dell'Orto	320	64	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
57	BX	03282276	12/12/91	Japan		1	Abstract Only
	BY/	03274479	12/5/91	Japan			Abstract Only
	BZ	5216550	8/27/93	Japan			Abstract Only
21	CA	59017894	1/30/84	Japan			Abstract Only

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ر	_	Lead Acid	Resistance: Harbinger Batteries, by Vaccard pp. 128,131.	of Capacity Los	ss in Starved Electrolyte AT&T Bell Laboratories,	Sealed 1987 IEEE,
		Cn. 2411,	pp. 120,131.			

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Atty. Docket No.: Serial No.: 10/656,526					
Applicant:					
Kev	in I. Ber	tness			
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	320	21			
	324	62			
	324	427			
	324	429			
	324	433			
	324	158			
	324	429			
	340	636			
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	324	427			
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	320	48			
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	Class			Translation Yes No	
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erti	nent Page	es, Etc	.)		
IEEE Recommended Practice For Maintenance, Testings, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations, The Institute of Electrical and Electronics Engineers, Inc., ANSI/IEEE Std. 450-1987, 3/9/1987, pp. 7-15.					
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У.	cv	4,707,795	11/17	/87	Alber	Alber et al.		550		
T	CM	4,709,202	11/24	/87	Koenc	k et al.	320	43		
	сх	4,710,861	12/1/	87	Kanne:	r	363	46		
	CY	4,719,428	1/12/	88	Liebe	rmann	324	436		
	CZ	4,743,855	5/10/	88	Randi	n et al.	324	430		
	DA	4,816,768	3/28/	8 9	Champ	lin	324	428		
	DB	4,820,966	4/11/	89	Fridm	an	320	32		
	DC	4,825,170	4/25/	89	Champ	lin	324	436		
	DD	4,849,700	7/18/	7/18/89		ka et al.	324	427		
	DE	4,881,038	11/14/89		Champlin		324	.426		
	DF	4,912,416	3/27/	3/27/90		Champlin		430		
\Box	DG	4,929,931	5/29/	90	McCuen		340	636		
	DH	4,931,738	6/5/9	0	MacIntyre et al.		324	435		
	DI	4,947,124	8/7/9	0	Hauser		324	430		
\top	DJ	4,956,597	9/11/	90	Heavey et al.		320	14		
J7	DK	4,968,941	11/6/		Roger		324	428		
				FC	REIGN	PATENT DOCUMENTS	 			
		Document	No.	D	ate	Country	Clas	Sub Class	Translation Yes No	
J7	DL/	WO 93/22666		11/1		WIPO	1	1	Х	
17	DM	WO 98/58270	98/58270 12/2		23/98	WIPO			х	
		OTHER ART	(Includ	ing A	uthor,	Title, Date, Pert	inent Pag	es, Etc.)		
J7	DN	"Battery Imp 1959, pgs. 9			E. Wi	llihnganz et al.,	Electrica	l Engineer	ing, September	
JT	DO	"JIS Japanes Standards As	"JIS Japanese Industrial Standard-Lead Acid Batteries for Automobiles", <u>Japanese</u> Standards Association UDC, 621.355.2:629.113.006, Nov. 1995.							

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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
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57	DP	5,004,979	4/2/9	1	Marin	o et al.	324	160	-
1	DQ	5,032,825	7/16/	91	Xuzni	cki	340	636	
	DR	5,047,722	9/10/	91	Wurst	et al.	324	430	
	DS	5,087,881	2/11/	92	Peaco	ck	324	378	
	DT	5,126,675	6/30/	92	Yang		324	435	
	DÜ	5,140,269	8/18/	92	Champ	lin	324	433	
	DV	5,144,248	9/1/9	2	Alexa	ndres et al.	324	428	
	DW	5,170,124	12/8/	92	Blair	et al.	324	434	
	DX	5,204,611	4/20/	93	Nor e	t al.	320	21	
	DY	5,214,370	5/25/	93	Harm	et al.	320	35	
	DZ	5,214,385	5/25/	93	Gabri	el et al.	324	434	
	EA	5,241,275	8/31/	93	Fang		324 324	430 429	
	EB	5,254,952	10/19	/93	Salle	y et al.			
	EC	5,281,919	1/25/	94	Palanisamy . Wurst		324	427	
	ED	5,281,920	1/25/	94			324	430	
	EE .	5,295,078	3/15/	94	Stich	et al.	364	483	
	EF	5,298,797	3/29/	94	Redl		307	246	
	EG	5,300,874	4/5/9	4	Shima	moto et al.	320	15	
77	EН	5,302,902	4/12/		Groeh		324	434	
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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526
PE LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
ner 1 0 7000 W	Kevin I. Bertness	
	Filing Date	Group Art:
F. TRADELLAS	September 5, 2003	2858

Exami Init:		Document No.	Dat	e		Name	Class	Sub Class	Filing Date If Appropriate
57	EK	5,331,268	7/19/	94	Patin	o et al.	320	20	
	EL	5,336,993	8/9/94	1	Thoma	s et al.	324	158.1	
	EM	5,352,968	10/4/	94	Reni	et al.	320	35	
	EN	5,343,380	8/30/	94	Champ	lin	363	46	
	EO	5,365,160	11/15	/94	Leppo	et al.	320	22	
	EP	5,365,453	11/15	/94	Start	up et al.	364	481	
	EQ	5,381,096	1/10/	95	Hirze	1	324	427	
T	ER	5,426,371	6/20/	95	Salle	y et al.	324	429	
	ES	5,432,426	5,432,426 7/11/95		Yoshi	da	320	20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1 1	ET	5,434,495	7/18/	95	Toko		320 320 320	44	
	EU	5,442,274	8/15/	95	Tamai			23	
	EV	5,457,377	10/10	/95	Jonss	on		5	
	EW	5,449,996	9/12/	95	Matsumoto et al.		320	20	
	EX	5,449,997	9/12/	95	Gilmore et al.		320	39	
	EY	5,485,090	1/16/	96	Steph	ens	324	433	
	EZ	5,519,383	5/21/	96	De La	Rosa	340 324	636	
	FA	5,528,148	6/18/	96	Roger	S		426	
	FB	5,550,485	8/27/	96	Falk		324	772	
57	FC	5,561,380	10/1/	96	Sway-	Tin et al.	324	509	
				FC	REIGN	PATENT DOCUMENTS			
		Document	No.	D	ate	Country	Class	Sub Class	Translation Yes No
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	FE	OTHER ART	Includ	ing A	uthor,	Title, Date, Pert	inent Page	es, Etc.)	

FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526			
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Kevin I. Bertness				
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57	FF	5,562,501	10/8/	96	Kinos	hita et al.		439	852	
T	FG	5,572,136	11/5/	11/5/96		lin		324	426	
	FH	5,574,355	11/12	/96	McSha	ne et al.		320	39	
	FI	5,585,728	12/17	/96	Champ	lin		324	427	
	FJ	5,592,093	1/7/9	7	Kling	biel		324	426	
	FK	5,596,260	1/21/	97	Morav	ec et al.		320	30	
	FL	5,598,098	1/28/	97	Champ	lin		324	430	
	FM	5,602,462	2/11/	97	Stich	et al.		323	258	
	FN	5,606,242	2/25/	97	Hull	et al.		320	48	
	FO	5,621,298	4/15/	4/15/97		У		320	5	
	FP	5,642,031	6/24/	97	Brott	0		320	21	
	FQ	5,650,937	7/22/	97	Bouna	ga		364	483	
	FR	5,652,501	7/29/	97	McClure et al.			320	17	
	FS	5,675,234	10/7/	97	Green	е		320	15	
	FT	5,677,077	10/14	/97	Faulk			429	90	
	FU	5,699,050	12/16	/97	Kanaz	awa		340	636	
	FV	5,701,089	12/23	/97	Perki	ns		327	772	
	FW	5,717,336	2/10/	98	Basel.	l et al.		324	430	
57	FX	5,757,192	5/26/98			Shane et al.		324	427	
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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526			
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:				
/0	Kevin I. Bertness				
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	September 5, 2003	2858			

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J T	GA	5,773,978	6/30/	98	Becker			324	430	
	GB	5,789,899	8/4/9	В	van Pl	huoc et al.		320	30	
	GC	5,793,359	8/11/	98	Ushik	ubo		345	169	
	GD	5,821,756	10/13	/98	McSha	ne et al.		324	430	
	GE	5,831,435	11/3/	98	Troy			324	426	
	GF	5,872,443	2/16/	99	Willi	amson		320	21	·
	GG	5,914,605	6/22/	99	Bertn	ess		324	430	
	GH	5,945,829	8/31/	99	Bertn	ess		324	430	
	GI	3,356,936	12/5/	67	Smith			324	29.5	·
	GJ	5,488,300	1/30/	96	Jamie	són		324	432	
	GK	6,002,238	12/14	/99	Champ	lin		320	134	
	GL	6,037,777	3/14/	00	Champlin			324	430	
	GM	6,051,976	4/18/	00	Bertness			324	426	
	GN	6,081,098	6/27/	00	Bertn	ess et al.		320	134	
	GO	6,091,245	7/18/	00	Bertn	ess		324	426	
	GP	6,104,167	8/15/	00	Bertn	ess et al.		320	132	
K	GQ	6,137,269	10/24		Champ			320	150	
				FO	REIGN	PATENT DOCUMENTS				<u> </u>
		Document	No.	D	ate	Country		Class	Sub Class	Translation Yes No
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 JT GR DE 29 26 716 B1
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51	GT_	"Performance of Dry Cells", by C. Hambuechen, Preprint of Am. Electrochem. Soc., April 18-20, 1912, paper No. 19, pgs. 1-5.
77	GU	"A Bridge for Measuring Storage Battery Resistance", by E. Willihncanz, The Electrochemical Society, preprint 79-20, April 1941, pgs. 253-258.

EXAMINER: Quality DATE CONSIDERED: 9-24-04

		•					Sheet 10 of 17	
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			J.S. PATENT DOCUMEN	rs				
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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JT	GV	3,562,634	2/9/71	Latner	31	04	
1	GW	4,379,990	4/12/83	Sievers et al.	322	99	
	GX	5,144,218	9/1/92	Bosscha	320	44	
	GY	5,315,287	5/24/94	Sol	340	455	
	GZ	5,469,043	11/21/95	Cherng et al.	320	31	
	на	5,546,317	8/13/96	Andrieu	364	481	
	нв	5,583,416	12/10/96	Klang	320	22	
	НC	5,589,757	12/31/96	Klang	320	22	
	HD	5,656,920	8/12/97	Cherng et al.	320	31	
	HE	5,710,503	1/20/98	Sideris et al.	320	6	
	HF	5,760,587	6/2/98	Harvey	324	434	
	HG	5,808,469	9/15/98	Kopera	324	43.4	
	нн	6,008,652	12/28/99	Theofanopoulos et al.	324	434	
	ні	6,009,369	12/28/99	Boisvert et al.	701	99	
	НJ	6,031,354	2/29/00	Wiley et al.	320	116	
	нк	6,037,751	3/14/00	Klang	320	160	
	HL	6,072,299	6/6/00	Kurie et al.	320	112	
	НМ	6,094,033	7/25/00	Ding et al.	320	132	
	HN	6,163,156	12/19/00	Bertness	324	426	
	НО	6,172,483	1/9/01	Champlin	320	134	
jt	HР	6,172,505	1/9/01	Bertness	324	430	

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17	HR/	59215674	12/5/84	Japan			Abstract Only

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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
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	September 5, 2003	2858
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	iner tial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
17	HT	3,989,544	11/2/76	Santo	429	65	
	HU	4,745,349	5/17/88	Palanisamy et al.	320	22	
	HV	4,876,495	10/24/89	Palanisamy et al.	320	18	
	HW	4,937,528	6/26/90	Palanisamy	324	430	
	нх	4,968,942	11/6/90	Palanisamy	324	430	
	HY	5,179,335	1/12/93	Nor	320	21	
	HZ	5,266,880	11/30/93	Newland	320	14	
	IA	5,451,881	9/19/95	Finger	324	433	
	IB	5,705,929	1/6/98	Caravello et al.	324	430	
	IC	5,717,937	2/10/98	Fritz	395	750.01	
	ID	5,862,515	1/19/99	Kobayashi et al.	702	63	
	IE	5,895,440	4/20/99	Proctor et al.	702	63	
	IF	5,929,609	7/27/99	Joy et al.	322	25	
	IG	6,072,300	6/6/00	Tsuji	320	116	
	IH	4,659,977	4/21/87	Kissel et al.	320	64	
	11	4,913,116	4/3/90	Katogi et al.	123	425	
	IJ	5,160,881	11/3/92	Schramm et al.	322	7	
	IK	5,338,515	8/16/94	Dalla Betta et al.	422	95	
	IL	5,537,967	7/23/96	Tashiro et al.	123	792.1	
	IM	5,548,273	8/20/96	Nicol et al.	340	439	
H	IN	5,747,909	5/5/98	Syverson et al.	310	156	

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	10,	62-180284	8/7/87	Japan			Abstract
_57	IP/	7-128414	5/19/95	Japan			Abstract

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
O TOTA []	Kevin I. Bertness	
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U.S. PATENT DOCUMENTS Examiner Document Sub Filing Date Initial No. Date Name Class Class If Appropriate 320 109 6,114,834 9/5/00 Parise IR 6,150,793 11/21/00 Lesesky et al. 320 104 IS 29.5 IT 3,876,931 4/8/75 Godshalk 324 5,347,163 ΙU 9/13/94 Yoshimura 307 66 5,939,861 8/17/99 Joko et al. ΙV 8/16/94 320 35 IW 5,339,018 **Brokaw** 5/2/95 Kato et al. 324 429 IX 5,412,323 6/20/95 Jefferies et al. 340 664 ΙY 5,426,416 10/20/98 324 106 ΙZ 5,825,174 Parker 8/17/99 Proctor et al. 320 104 JA 5,939,855 324 429 5,254,952 10/19/93 Salley et al. JB 364 483 JC 4,217,645 8/12/80 Barry et al. 364 554 JD 4,633,418 12/30/86 Bishop 6/14/94 364 483 JΕ 5,321,626 Palladino 340 636 JF 5,969,625 10/19/99 Russo 324 430 JG 6,222,369 4/24/01 Champlin 5/1/01 324 426 JH 6,225,808 Varghese et al. JΙ 6,249,124 6/19/01 Bertness 324 426 7/10/01 324 427 JJ 6,259,254 Klang 7/17/01 320 134 JK 6,262,563 Champlin JL6,294,896 9/25/01 Champlin 320 134 320 9/25/01 153 JM 6,294,897 Champlin

Sub Translation Document No. Date Country Class Class Yes No JN 4-8636 1/13/92 Japan X (Abstract) JO. 63027776 2/5/88 Japan Abstract Only

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EXAMINER: DATE CONSIDERED: 9-29-04

Sheet 13 of 17 FORM PTO-1449 Atty. Docket No.: Serial No.: C382.12-0163 10/656,526 Applicant: IST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT Kevin I. Bertness Filing Date Group Art: September 5, 2003 2858 U.S. PATENT DOCUMENTS Document Sub Filing Date Examiner Initial Date Class Class If Appropriate No. Name 4,379,989 4/12/83 Kurz et al. 320 26 JP 7/14/87 320 32 JQ 4,680,528 Mikami et al. JR 5,633,985 5/27/97 Severson et al. 395 2.76 320 JS 5,739,667 4/14/98 Matsuda et al. 344 JT 4,024,953 5/1977 Nailor, III 206 JU 6,250,973 6/2001 Lowery et al. 439 763 439 755 J۷ 6,254,438 7/2001 Gaunt 324 426 JW 6,304,087 10/16/01 Bertness JX 6,310,481 10/30/01 Bertess 324 430 320 132 JY 6,313,607 11/6/01 Champlin 132 JZ 6,313,608 11/6/01 Varghese et al. 32 11/13/01 Bertness 320 134 KA 6,316,914 7/25/95 KB 5,435,185 Eagan 73 587 73 591 8/29/95 KC 5,445,026 Eagan 22 KD 4,667,143 5/19/87 Cooper et al. 320 Eng, Jr. et al. 35 4,847,547 7/11/89 320 320 39 KF 11/12/96 McShane et al. 5,574,355 4,663,580 5/5/87 Wortman 320 35 FOREIGN PATENT DOCUMENTS Sub Translation Document No. Date Country Class Class Yes Х KH _ WO 99/23738 5/14/99 WIPO Х ΚI WO 94/05069 3/3/94 PCT OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) National Semiconductor Corporation, "High Q Notch Filter", 3/69, Linear Brief 5, ΚJ March 1969. KK Burr-Brown Corporation, "Design A 60 Hz Notch Filter with the UAF42", 1/94, AB-071, 1994. National Semiconductor Corporation, "LMF90-4th-Order Elliptic Notch Filter", 12/94, RRD-B30M115, December 1994.

9-29-04 XAMINER: Initial If citation considered, whether or not citation is in conformance with MPEP 609; traw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED:

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ے ک	1	КМ	6,323,650	11/27	/01	Bertne	ess et al.		324	426	
		KN	6,329,793	12/11	/01	Bertn	ess et al.		320	132	
		ко	6,331,762	12/18	/01	Bertne	ess		320	134	
		KP	6,332,113	12/18	/01	Bertne	ess		702	63	
		KQ	4,297,639	10/27	/27/81 Branham				324	429	
		KR	5,653,659	8/5/9	7	Kunibe et al.			477	111	
		KS	6,161,640	12/19	/00	Yamaguchi			180	65.8	
		KT	4,351,405	6/28/	82	Field:	s et al.		180	65	
		ΚU	6,359,441	3/16/	02	Bertn	ess		324	426	
		KV	4,047,091	9/199	7	Hutch.	ines et al.		363	59	
		KW	5,653,659	8/199	7	Kunib	e et al.		477	111	
		KX	5,637,978	6/199	7	Kelle	tt et al.		320	2	
		KY	5,095,223	3/199	2	Thoma	s		307	110	
		KZ	5,194,799	3/199	3	Toman	tschger		320	2	
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FORM PTO-1449	Atty. Docket No.: C382.12-0163	Serial No.: 10/656,526	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:		
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U.S. PATENT DOCU	MENTS		

				U.S. PATENT DOCUMENTS			
	niner tial	Document No.	Date	. Name	Class	Sub Class	Filing Date If Appropriate
27	LH	5,818,234	10/1998	McKinnon	324	433	
	LI	6,140,797	10/2000	Dunn	320	105	
	LJ	6,181,545	1/2001	Amatucci et al.	361	502	
	LK	6,346,795	2/2002	Haraguchi et al.	320	136	
\neg	LM	6,347,958	2/2002	Tsai	439	488	
	LN	6,351,102	2/26/02	Troy	320	139	
\top	ro	6,359,441	3/19/02	Bertness	324	426	
	LP	6,363,303	3/26/02	Bertness	701	29	
	ГŐ	5,037,778	8/6/91	Stark et al.	437	216	
	LR	6,144,185	11/7/00	Dougherty et al.	320	132	
	LS	5,711,648	1/27/98	Hammerslag	414	786	
	LT	5,927,938	7/27/99	Hammerslag	414	809	
	LU	5,951,229	9/14/99	Hammerslag	414	398	
	LV	5,961,561	10/5/99	Wakefield, II	701	29	
	TM	5,961,604	10/5/99	Anderson et al.	709	229	
	LX	6,236,332	5/22/01	Conkright et al.	340	825.06	
	LY	6,351,102	2/26/02	Troy	320	139	
	LZ	5,821,757	10/13/98	Alvarez et al.	324	434	
H	MA	6,167,349	12/26/00	Alvarez	702	63	

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	МВ						
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MC "DC-DC Converter Basics", <u>Power Designers</u> , downloaded from http://www.powederdesigners.com/InforWeb.design_center/articles/DC-DC/converter.shtm, undated							
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Sheet 16 of 1 Atty. Docket No.: Serial No.: FORM PTO-1449 10/656,526 C382.12-0163 Applicant: LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT Kevin I. Bertness Group Art: Filing Date 2858 September 5, 2003 U.S. PATENT DOCUMENTS Sub Filing Date Document Examiner Class Class If Appropriate Date Name Initial No. 4,665,370 324 429 5/1987 Holland ME MF 4,361,809 11/1982 Bil et al. 324 426 324 429 5/21/02 MG 6,392,414 Bertness 324 426 7/9/02 Champlin 6,417,669 MH 7/23/02 324 433 6,424,158 Klang MΙ 320 132 MJ 6,441,585 8/17/02 Bertness 320 104 9/3/02 Bertness et al. MK 6,445,158 5/7/02 324 425 6,384,608 Namaky MT. 324 426 MM 6,388,448 5/14/02 Cervas 320 112 Koenck et al. 10/23/01 MN 6,307,349

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MO

MP

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37	MV /	RU 2089015-C1	8/27/97	Russia		j	Abstract Only
57	MW /	09061505	3/7/97	Japan			Abstract Only
57	MX /	10056744	2/24/98	Japan			Abstract Only

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17	MZ	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07546.	<u> </u>

DATE CONSIDERED: 9-29-02 EXAMINER:

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Atty.	Docket	No.	:
C382	12-0163		

Applicant:

Serial No.: 10/656,526

Kevin I. Bertness

Filing Date Group Art: September 5, 2003 2858

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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate				
٦٢	NA	4,888,716	12/19/89	Ueno	364	550					
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NW "Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/06577, no detc.

EXAMINER: DATE CONSIDERED: 9-79-001